

## QUESTIONS AND ANSWERS #2

### RFQ 19H08021Q0067

1. Please indicate if the cabinets should include a ground connection?

*A: Proper grounding connection should be considered to ensure proper electrical surge protection*

2. For the answer A.16.II, please confirm if the containment should be Included in this offer?

*A: Yes*

3. For the answer A.17, please indicate if the cylinders are to cover the area of 93 square meters All together and according to the norms and standards UL, NFPA, Vds, etc.

*A: Yes, but primarily Zone 2 on the drawing provided*

4. for the Answer A.18 we know that is the capacity of NBRK0750, please indicate how many sensors it's required of each kind of sensor, for example: Temperature and humidity, Water Leak Sensor, camera, etc.

*A: 14 sensors for Temperature and humidity (one per rack)*

5. Please indicate if top cabinets cable management tray should be included. See photo

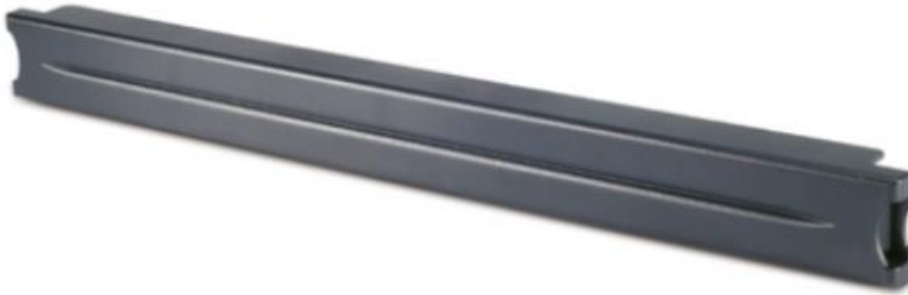


*A: No, the HNP will recycle some of the currently on hand at Casa Matta Data Center*

6. Please Indicate if a Very early smoke detection apparatus by air aspiration should be included in this offer.

*A: Not required for this offer*

7. Please indicate if Blanking panels for air circulation control through cabinets should be included in this offer. See photo



*A: Not required for this offer*

8. Please indicate how many manual stations and buttons (release, abort, etc) for fire suppression system.

*A: Three (3)*

9. We received the floor distribution plan, but we need to attach the exact area you need HPL floor.

*A: See enclosed PDF file*

10. And for the perforated tiles we need the path of installation cabinets for exact area of the cooling hallway.

*A: See enclosed PDF file*

11. For Item 3: Data center Fire Protection / Fire suppression system Novec 1230

a. the false floor it has to be protected, with NOVEC1230?

*a. Yes*

b. What kind of ceiling will be installed, inside?

a. Normal ceiling tiles

1. It has to be protected between ceiling too?

*a. Yes*

2. What is the height, between ceiling?

*a. 30 cm for the false floor and 50 cm between the ceiling and the second floor*

12. We have to cover an area of about 93 square meters

a. I want to be sure if these 93 square meters are these 3 zones?

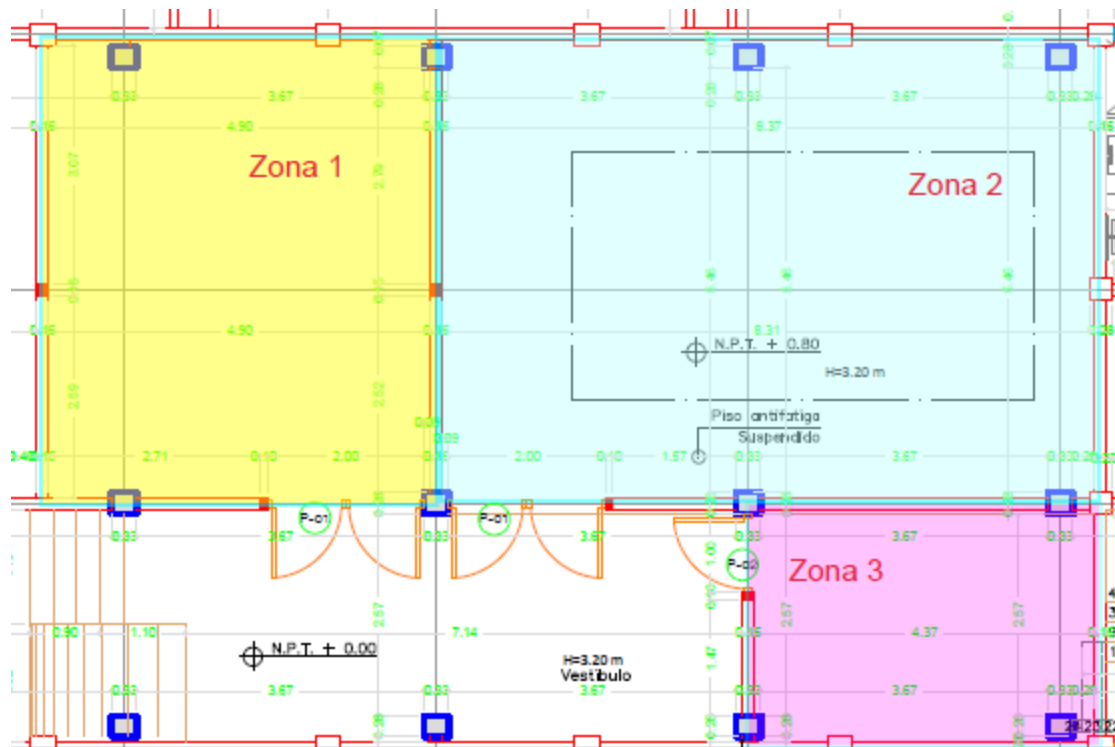
*A: Yes, the three ones*

b. These 3 zones have false floor?

*A: Yes*

c. It is possible to give us a section view of these 3 zones?

*A: See enclosed PDF file*



13. Could you define in the drawing the position of all the dome cameras?

*A: See enclosed PDF file with the six positions for the camera*

14. Could you define the position or installation for NVR?

*A: The NVR unit will be installed in the area designated as TELECOM on the enclosed PDF*

15. We need the place for installation of the screen?

*A: The viewing screen for the CCTV circuit will be installed in the NOC area which will be located in the long hallway between the quarantine area and then TELECOM area*

16. please define if you will need a (Integrated High-Frequency Bonding Grids of Data Centers / Copper) and if only will install in the main telecom room. ?

*A: Yes, it will be installed in the area above the TELECOM room and the Telecom room to cover the two communications cabinets in it.*

17. We need the layout about position of the Telecommunication cabinets or Racks in the Room for determinates the quantities of perforates raised floor.

*A: See enclosed PDF file with diagram*

18. Do you have an estimated total thermal load for the telecom room?

*A: The most recent recommendation for most classes of information technology (IT) equipment is a temperature between 18 and 27 degrees Celsius (°C) or 64- and 81-degrees Fahrenheit (°F), a dew point (DP) of -9°C DP to 15°C DP and a relative humidity (RH) of 60 percent.*